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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO				Complete if Known			
				Application Number			
				Filing Date	April 15, 2004		
				First Named Inventor	SHINKAI, Hisashi		
				Group Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	228161		

U.S. PATENT DOCUMENTS								
Examiner Initials ¹	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Class	Subclass	Filing Date If Appropriate
		Patent Number	Kind Code					
LCM	AA	3,576,830		Toshitsugu et al.	04-27-1971	—	—	
LCM	AB	4,740,438		Krishnamurthy	04-26-1988	—	—	
LCM	AC	4,853,319		Krishnamurthy et al.	08-01-1989	—	—	
LCM	AD	5,118,583		Kondo et al.	06-02-1992	—	—	
LCM	AE	5,194,539		Charmot	03-16-1993	—	—	
LCM	AF	5,217,859		Boettcher et al.	06-08-1993	—	—	
LCM	AG	5,219,721		Klaus et al.	06-15-1993	—	—	
LCM	AH	5,350,667		Singer et al.	09-27-1994	—	—	
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LCM	AJ	5,446,207		Pomponi et al.	08-29-1995	—	—	
LCM	AK	5,504,097		Malamas et al.	04-02-1996	—	—	
LCM	AL	5,534,529		Yoshida et al.	07-09-1996	—	—	
LCM	AM	5,542,974		Buding	08-06-1996	—	—	
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LCM	AP	5,654,134		Morimura et al.	08-05-1997	—	—	
LCM	AQ	5,698,564		Katsuyama et al.	12-16-1997	—	—	
LCM	AR	5,776,951		Arrowsmith et al.	07-07-1998	—	—	
LCM	AS	5,925,645		Schmidt et al.	07-20-1999	—	—	

FOREIGN PATENT DOCUMENTS									Translation
Examiner Initials ¹	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Class	Subclass	
		Office	Number	Kind Code				Yes No*	
LCM	AT	CA	2000631		Engels et al.	04-15-1990	—	—	
LCM	AU	JP	45-11132		Unknown	04-22-1970	—	—	

- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Examiner Signature	<i>Heigh C. Maier</i>	Date Considered	6/29/06
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Office	Number	Kind Code					Yes	No*
L	AV	JP	47-35786							
LCM	AW	JP	1-321432		Konica Corp.	12-27-1989				
LCM	AX	JP	1-278543		Sanshin Kagaku Kogyo	11-08-1989				
LCM	AY	JP	2-23338		Fuji Photo Film Ltd.	01-25-1990				
LCM	AZ	JP	3-226750		Konica Corp.	10-07-1991				
LCM	BA	WO	92/03412	A	Rhone-Poulenc Rorer Ltd.	05-03-1992				
LCM	BB	WO	92/03408	A	Rhone-Poulenc Rorer Ltd.	05-03-1992				
LCM	BC	WO	96/09406	A	U.S. Dept. Health and Human Services	03-28-1996				

OTHER - NON PATENT LITERATURE DOCUMENTS							Translation	
Examiner Initials ¹	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.					Yes	No*
LCM	BD	ANTONOVA et al., <i>Dokl. Bulg. Akad. Nauk.</i> , 46 (1), 71-74 (1993).						
LCM	BE	CONNOLLY et al., <i>Biochem. Biophys. Res. Com.</i> , 223, 42-47 (1996).						
LCM	BF	DROZD, Z. <i>Org. Khim.</i> , 23 (2), 355-365 (1987).						
LCM	BG	EGAN et al., <i>Adv. Prostaglandin, Thromboxane, and Leukotriene Res.</i> , 11, 151-157 (1983).						
LCM	BH	HORI et al., <i>Heterocycles</i> , 9 (10), 1413-1418 (1978).						
LCM	BI	NAGARAJAN et al., <i>Indian J. Chem.</i> , 12 (3), 227-235 (1974).						
LCM	BJ	SIMOV et al., <i>Khim. Getero. Soed.</i> , 9, 1192-1195 (1976).						

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Examiner Signature	Leigh C. Maier	Date Considered	b/29/08
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